

Title (en)
TRANSPARENT COMPOSITE COMPOSITION

Title (de)
TRANSPARENTE VERBUNDZUSAMMENSETZUNG

Title (fr)
COMPOSITION DE COMPOSITE TRANSPARENT

Publication
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Application
EP 03705011 A 20030122

Priority
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• JP 2002295222 A 20021008

Abstract (en)
[origin: CA2472965A1] A transparent composite composition comprising a transparent resin composite comprising an epoxy resin (a) and a glass filler (b), wherein the epoxy resin (a) comprises at least one epoxy resin whose refractive index upon hardening is lower than that of the glass filler (b) and at least one epoxy resin whose refractive index upon hardening is higher than that of the glass filler (b). The transparent composite composition has a low linear expansion coefficient and is excellent in transparency, heat resistance, solvent resistance, etc., so that it is suitable for use in not only, for example, a substrate for liquid crystal display element and a substrate for organic EL element (in particular, active matrix type) but also a transparent plate, an optical lens, a substrate for color filter, a substrate for solar cell, a touch panel, an optical element, a photoconductive wave path, an LED sealer, etc.

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C08L 63/00; **C08K 3/40**; **G02F 1/1333**

IPC 8 full level
C08K 3/40 (2006.01); **C08L 63/00** (2006.01); **G02B 1/04** (2006.01); **G02F 1/1333** (2006.01)

CPC (source: EP KR US)
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C-Set (source: EP US)
C08K 3/40 + **C08L 63/00**

Cited by
US8216770B2; US8822110B2; US9334399B2; US8273270B2; US8530537B2; US8298454B2; US8318053B2; US7811467B2

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